

## **Appendix G** List of Acronyms

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### **A**

AB	Assembly Bill
AC	alternating current
ac	acre
ACMs	asbestos-containing materials
ACOE	United States Army Corps of Engineers
ADA	Americans with Disabilities Act
ADI	Area of Direct Impact
ADL	aerially deposited lead
ADRT	Aesthetic Design Review Team
ADT	average daily traffic
amsl	above mean sea level
APE	Area of Potential Effects
APN	Assessor's Parcel Number
ARB	California Air Resources Board
ASR	Archaeological Survey Report
AST	aboveground storage tank

### **B**

BACM	Best Available Control Measures
Basin	South Coast Air Basin
Basin Plan	Water Quality Control Plan for the San Diego Basin
BAT/BCT	Best Available Technology economically achievable/Best Conventional Pollution Control Technology
bgs	below ground surface
BMP	Best Management Practice
BSA	Biological Study Area

### **C**

CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standards
CAC	County Agricultural Commissioner
CAGN	coastal California gnatcatcher
Cal-IPC	California Invasive Plant Council
California Register	California Register of Historical Resources
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCR	California Code of Regulations
CCTV	closed-circuit television
CDFA	California Department of Food and Agriculture
CDFG	California Department of Fish and Game
CDMG	California Division of Mines and Geology

CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CERFA	Community Environmental Response Facilitation Act of 1992
CESA	California Endangered Species Act
CFC	chlorofluorocarbon
CFP	California Fully Protected
CFR	Code of Federal Regulations
CGS	California Geologic Survey
CH <sub>4</sub>	methane
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CIDH	cast-in-drilled-hole
CLOMR	conditional letter of map revision
CMAQ	congestion mitigation and air quality
CMS	changeable message signs
CNPS	California Native Plant Society
CO	carbon monoxide
CO Protocol	Transportation Project-Level Carbon Monoxide Protocol
CO <sub>2</sub>	carbon dioxide
COZEEP	Construction Zone Enhanced Enforcement Program
CSC	California species of concern
CSS	coastal sage scrub
CT	census tract
CWA	Clean Water Act

## D

dB	decibel(s)
dBA	A-weighted decibel(s)
DDE	dichlorodiphenyldichloroethylene
Department	California Department of Transportation
DPM	diesel particulate matter
DPP	Design Pollution Prevention
DRIM	Draft Relocation Impact Memorandum
DSA	Disturbed Soil Area
DTSC	Department of Toxic Substances Control

## E

EA	Environmental Assessment
EAP	Early Action Program
EB	eastbound
EO	Executive Order
EPA	United States Environmental Protection Agency
ESA	Environmentally Sensitive Area
EW	existing wall

## F

°F	degrees Fahrenheit
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FCAA	Federal Clean Air Act
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FIRM	Flood Insurance Rate Map
FR	Federal Register
ft	feet
FTA	Federal Transit Administration

**G**

GCC	global climate change
GDR	Geotechnical Design Report
GHG	greenhouse gas

**H**

HCP	Habitat Conservation Plan
HDM	<i>Caltrans' Highway Design Manual</i>
HFC	hydrofluorocarbon
HMMP	Habitat Mitigation and Monitoring Plan
HOV	high-occupancy vehicle
HPSR	Historical Property Survey Report
HRER	Historical Resources Evaluation Report
H:V	horizontal/vertical ratio

**I**

I-5	Interstate 5
I-405	Interstate 405
ICC	Intersection Capacity Utilization
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
IS	Initial Study
ISA	Initial Site Assessment
ITS	Intelligent Transportation Systems

**K**

kV	kilovolt
kWh	kilowatt-hours

**L**

LAX	Los Angeles International Airport
LBP	lead-based paint
$L_{eq}$	equivalent continuous noise level
$L_{eq}(h)$	hourly equivalent continuous noise level
$L_{max}$	maximum sound level
LHS	Location Hydraulic Study
LOMR	Letter of Map Revision

LOS	level of service
LOTB	Log of Test Borings
LRTP	Long-Range Transportation Plan
LU	Landscape Unit
LUST	leaking underground storage tank

## M

µg/m <sup>3</sup>	micrograms per cubic meter
MBTA	Migratory Bird Treaty Act
MCE	Maximum Credible Earthquake
MEP	Maximum Extent Practicable
mi	mile
MLD	Most Likely Descendant
mm	millimeter
MMMP	Mitigation Management and Monitoring Plan
mph	miles per hour
MPO	Metropolitan Planning Organization
MR	Materials Report
MS4	Municipal Separate Storm Sewer System
MSAA	Master Streambed Alteration Agreement
MSAT	Mobile Source Air Toxics
MTCO <sub>2</sub> /yr	metric tons of carbon dioxide equivalent per year
MWD	Metropolitan Water District

## N

N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria
NADR	Noise Abatement Decision Report
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NB	northbound
NBSSR	<i>Noise Barrier Scope Summary Report</i>
NCCP	Natural Community Conservation Plan
NEPA	National Environmental Policy Act
NES	Natural Environment Study
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NLEV	national low-emission vehicle
NMFS	National Marine Fisheries Service
NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrogen oxides
NOA	naturally occurring asbestos
NOAA	National Oceanic and Atmospheric Administration
NOC	Notice of Construction
NOCC	Notice of Completion of Construction
NOI	Notice of Intent
NOP	Notice of Preparation

NOT	Notice of Termination
NPDES	National Pollutant Discharge Elimination System
NSR	Noise Study Report

**O**

O <sub>3</sub>	ozone
OC	overcrossing
OCHCA	Orange County Health Care Agency
OHWM	ordinary high water mark
OCFA	Orange County Fire Authority
OCTA	Orange County Transportation Authority
OSHA	Occupational Safety and Health Administration

**P**

PA	Programmatic Agreement
PA/ED	Project approval/environmental documentation
PAC	Public Awareness Campaign
Pb	lead
PCBs	polychlorinated biphenyls
PCE	perchloroethylene
PCH	Pacific Coast Hwy.
PDS	project development support
PDT	Project Development Team
PFC	perfluorocarbon
PM	particulate matter
PM	postmile
PM <sub>10</sub>	particulate matter less than ten microns in diameter
PM <sub>2.5</sub>	particulate matter less than 2.5 microns in diameter
PMP	Paleontological Mitigation Plan
PMR	Paleontological Mitigation Report
ppm	parts per million
POAQC	project of air quality concern
ppv	peak particle velocity
PRC	Public Resources Code
PRD	project registration documents
PS&E	Plans, Specifications, and Estimates
PSR	Project Study Report

**R**

RAP	Relocation Assistance Program
RCP	reinforced concrete box
RCR	Route Concept Report
RCRA	Resource Conservation and Recovery Act of 1976
RFG	reformulated gasoline
ROG	reactive organic gases
ROW	right of way
RSA	Resource Study Area
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan

RWQCB	Regional Water Quality Control Board
<b>S</b>	
SB	southbound
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCGC	Southern California Gas Company
SER	Standard Environmental Reference
SF <sub>6</sub>	sulfurhexafluoride
SFR	Structure Foundation Report
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SKR	Stephen's kangaroo rat
SLC	Sacred Lands File
SMP	Senior Mobility Program
SO <sub>2</sub>	sulfur dioxide
SO <sub>x</sub>	sulfur oxides
SNA	John Wayne Airport
SOCMIS	South Orange County Major Investment Study
SOCTIIP	South Orange County Transportation Infrastructure Improvement Program
SPGR	Structure Preliminary Geotechnical Report
SPUI	single point urban interchange
SR-1	State Route 1 (Pacific Coast Hwy.)
SR-55	State Route 55
SR-57	State Route 57
SR-73	State Route 73
SR-74	State Route 74 (Ortega Highway)
SR-76	State Route 76
SR-78	State Route 78
SR-91	State Route 91
SR-133	State Route 133
SR-241	State Route 241
SRA	source receptor area
SSP	Standard Special Provisions
STA	station
SVP	Society of Vertebrate Paleontology
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
SWWF	southwestern willow flycatcher

**T**

TASAS	Traffic Accident Surveillance and Analysis System
TCA	Transportation Corridor Agencies
TCE	Temporary Construction Easement
TCM	Transportation Control Measures
TCWG	Transportation Subject Working Group
TDM	Transportation Demand Management
TDS	total dissolved solids
T/E	threatened or endangered
TMDL	Total Maximum Daily Load
TMP	Traffic Management Plan
TMT	Transportation Management Teams
TNM	Traffic Noise Model
TNW	traditional navigable water
TSCA	Toxic Substances Control Act
TSM	Transportation System Management

**U**

UC	undercrossing
UCPP	United Coalition to Protect Panhe
Uniform Act	Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970
USC	United States Code
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank

**V**

V/C ratio	volume-to-capacity ratio
VA	Value Analysis
VHT	vehicle hours traveled
VIA	Visual Impact Assessment
VMT	vehicle miles traveled
VOC	volatile organic compounds
vp/ln	vehicles per lane per hour

**W**

WB	westbound
WPCP	Water Pollution Control Plan
WQAR	Water Quality Assessment Report

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